

SAFARI2 - National Committee Members

Dr. B. Meenakumari



Chairperson, National Biodiversity Authority (NBA). Dr. Meenakumari was the convener of SAFARI-1 held in Kochi in 2010. She has handled the prestigious positions of Deputy Director General (fisheries), Indian Council of Agricultural Research (ICAR), New Delhi and Director, ICAR-Central Institute of Fisheries Technology, Cochin, before joining NBA.

For her outstanding achievements in the field of Fisheries, she has received various awards which includes Dr R. S. Paroda Gold Medal (2012); Bhoominirman Award-2011; Marie Curie Mahila Vijnana Puraskar; Fellowship Award from the Academy of Science, Engineering and Technology; RC Dalela Oration award 2009; Fellowship Award from the Zoological Society, Calcutta (2008); VASVIK Award 2003 (given in 2008); Women and Technological Innovation National Award (WATI National Award 2007); Panjabrao Deshmukh Woman Agricultural Scientist Award – 2002; Fellowship Award from Nature Conservators (2002); Fellowship Award 2002 from Bioved Research Society, Allahabad; Young Scientist award instituted by the Academy of Environmental Biology, Lucknow (1989); Young Scientist Award- 1989 by Kerala Science Congress in the section Industry

Dr. J K Jena



Deputy Director General (Fisheries Science), Indian Council of Agricultural Research, New Delhi

He is also the President of Asian Fisheries Society and the Chairman of Asian Fisheries Society Indian Branch.

His research areas include Freshwater aquaculture and Population genetics. Awards/Honours received for his scientific contributions include Special One Time Award of ICAR, 1998; Young Scientist Award & Scientist of the Year Award of Bioved Research Centre, 1999 & 2000; Best Young Scientist Award of Dr. Hiralal Choudhuri Fisheries Foundation, 2001; ICAR Award for Team Research, 2000 & 2008; Prof. H.P.C. Shetty Award of AFSIB, 2008; Pillay Aquaculture Award, 2011; Dr. S.Z. Qasim Medal, 2011; Rafi Ahmad Kidwai Award of ICAR, 2013. He is a member of Zoological Society of India, Bodh Gaya;

Academy of Sciences for Animal Welfare; Zoological Society of India, Bhubaneswar; Bioved Research Society and Communication Centre; Academy of Science, Engineering and Technology (FASET), Bhopal.

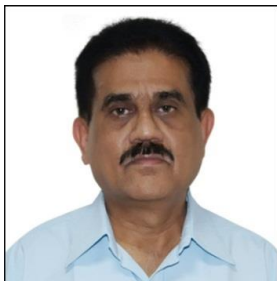
Dr. Shailesh Nayak



Former Secretary, Ministry of Earth Sciences.

Highlights of his career as a renowned scientist are Disaster Management, Fishery service for social benefit, Marine weather for safe navigation, Generation of database for coastal zone management and development of algorithms. He has published more than 100 papers in journals, conferences and reports. His research interests include Coastal and Ocean processes, ocean-atmosphere interaction, coastal geomorphology, hazards, Oceanography, and Remote sensing. He has won various honours and awards for his contributions viz. Honorary Doctor of Science by Assam University, 2013; Vikram Sarabhai Memorial Award 2012; Special Achievement in GIS (SAG) Award -2008, Skotch Challenger Award for Security and Disaster Management, Jan. 2009 (for setting up Tsunami Warning Centre); Gold Medal of Indian Geophysical Union 2009; National Mineral Award-2005, (Applied Geology) Ministry of Mines, Govt. of India; Indian National Remote Sensing Award for the Year 1994, Indian Society of Remote Sensing, Dehradun; Hari-Om Ashram Prerit Inter-University Smarak Trust Prize for the Year 1981-82 for Geology; Dinesh Chokshi Memorial prize for securing highest marks in M. Sc. (Geology) in 1975.

Dr. Satheesh C . Shenoi



Director of Indian National Centre for Ocean Information Services (INCOIS) and Director of National Institute of Ocean Technology (NIOT).

He has more than 28 years of research experience in Physical Oceanography. He played a lead role in Department of Science & Technology's (Govt. of India) Arabian Sea Monsoon Experiment (ARMEX), which changed our traditional view from a passive role for the ocean in monsoonal processes to an active role in the monsoonal air-sea coupling. He showed that the regional optimization of the algorithm coefficients could improve the estimation of Sea Surface Temperature, over the

Indian Ocean, using satellite based infrared sensors by 50%. After the tsunami struck the Indian coast in 2004, he coordinated the research that described quantitatively the tsunami off the Indian coast and enabled an improved estimate of the extent of the tsunami source region. He was a senior member of the group that carried out hydrographic observations during 1987-1994 to map the seasonal cycle of circulation off the Indian coast. Prior to joining INCOIS, he was leading a major programme making direct current measurements off the Indian coast to enable a quantitative description of the variability within a season and across years, marking a paradigm shift in our knowledge of the seas around India.

Considering his contributions to the understanding of the physical oceanography of the waters around India, in 2007, he was elected as Fellow of Indian Academy of Sciences. He has authored/co-authored more than 70 research papers in journals of international repute. His professional Interests include Observational oceanography, ocean currents, impact of oceans on monsoons and satellite oceanography.

Dr. Ravishankar C. N



Director, Central Institute of Fisheries Technology (CIFT), Cochin.

His areas of specialization include fish processing and packaging technologies and has developed, popularized and transferred many technologies to the seafood industry. He has more than 200 International and National publications to his credit and has filed 17

patents. Outstanding Team Research Award in the field of Fish Products Technology from Indian Council of Agricultural Research, New Delhi; K. Chidambaram Memorial Award from Fisheries Technocrats Forum; Gold Medal for his Ph.D. work; Merit Certificate from Royal Institute of Public Health & Hygiene, London are some of the awards received by Dr. Ravishankar.

Dr. Pankajakshan, T



Scientist-in-charge, National Institute of Oceanography, Regional Centre, Kochi. He is one of the Scientific organizing committee Member and Executive Member of the society on Pan Ocean Remote Sensing Conference, PORSEC. He is an expert in in-situ Oceanographic data Quality Control and its

visualization. He attained Mombusho (Japanese Govt. Fellowship) during 1990 and COE fellowship (Centre of Excellence) for visiting Chiba University as a visiting professor during the period 2001 – 2002.

Prof. (Dr.) N.R. Menon



Co-Chairman of Nansen Environmental Research Centre India (NERCI), Emeritus Professor, Cochin University of Science and Technology, Dean, Faculty of Climate Variability and Aquatic Ecosystems, Kerala University of Fisheries and Ocean Studies (KUFOS), Member, Governing Council and the Senate, KUFOS, Subject Expert, Kerala Coastal Zone Management Authority, Kerala.

Dr. Menon has worked in various scientific capacities at different institutes for more than thirty years now. He has more than 150 scientific publications. He has worked as a senior scientist in International Indian Ocean Expedition. His research interests include Marine and freshwater ecosystem studies, marine pollution, Harmful Algae Bloom studies, Coastal Zone Management, Taxonomy and Ecology of Marine Foulers, Marine Biodeterioration.

Dr. Ravichandran M



Director, National Centre for Antarctic and Ocean Research, Goa

He is working in the field of Physical Oceanography, mainly dealing with ocean observing System and ocean modeling. His research interests include Atmospheric Physics & Ocean Dynamics, Marine Meteorology & Air-sea interaction, Ocean Observing Systems, Ocean Modeling. He is a member of International committee / bodies like Co-

Chair, CLIVAR/IOC-GOOS Indian Ocean Region Panel [<http://www.clivar.org/clivar-panels/indian>], Member, International Argo Steering Team [<http://www.argo.ucsd.edu/>], Member, Scientific Steering committee of SIBER (Sustained Indian Ocean Biogeochemical and Ecological Research).

Dr. Kuldeep Kumar Lal



Head of Division and Principal Scientist National Bureau of Fish Genetic Resources (Indian Council of Agricultural Research)

His research interests include Conservation Genetics, Molecular marker development and application in intra and inter-specific genetic diversity analysis, Sperm Cryopreservation in Fishes, Embryonic stem cell research in fishes. He has 58 Research papers and 2 books to his credit.

Dr. Sibnarayan Dam Roy



Former Director, ICAR-Central Inland Agricultural Research Institute, Port Blair, Andaman and Nicobar Islands. His research interests include Mangrove and Coral Ecological Studies, Eco-friendly Brackishwater Aquaculture, Integrated Farming System for tropical Islands; Resource Assessment and Management, Biodiversity and conservation, Climate change and its impact on

Island ecosystem, Socioeconomic studies on Island Fishers, Policy Research pertaining to Island Fisheries. Awards/Honours: ICAR Team Research Award 1994-96; Fakhruddin Ali Ahmed Award, 2000-01; IARI - Hooker Award, 2000-01; Lieutenant Governor's Commendation Award conferred by Hon'ble Lt. Governor, A&N Island, 2008; ICAR – Dr. Rajendra Prasad Award, 2010-11; Society for Plant Research, Meerut awarded Distinguished Scientist Award, 2014; Lifetime Achievement Award, 2014 by Andaman Science Association.

Dr. Vijayan K K



Director & Principal Scientist, Central Institute of Brackishwater Aquaculture, Chennai. His skills and expertise are in PCRS, sequencing, Aquaculture, Fatty Acids, Shrimp Farming

Dr. Basanta Kumar Das



Principal Scientist and Director Central Institute of Freshwater Aquaculture (ICAR – CIFRI), Bhubaneswar, India.

His research interests include Proteins, Immunology, Immunity, Carbon Nanotubes, Fisheries Science, Pathogens, Fish Biology, Bacteria, Aquatic Science, Immune Response, Aquaculture, Molecular Parasitology, Aquaculture Fisheries, Aquaculture Management, Fish Diseases, Serum, Fish Parasitology, Fish Immunology, Vibrio, Fish Health, Recirculating Aquacultural Systems, *Pseudomonas fluorescens*, Microbial Diversity in Aquatic Systems, *Aeromonas hydrophila*, fish health management.

Dr. T. V. Sathianandan



Principal Scientist & Head, Fisheries Resource Assessment Division, CMFRI, India

He joined Agricultural Research Service under the Indian Council of Agricultural Research in 1989 as scientist and has been with CMFRI since 1990. Ph.D. in Statistics from University of Calicut, Dr. Sathianandan has worked on time series modeling and forecasting, management of database on marine fish landings, development of computer software, fish stock assessment, design and management of the national level sample survey for estimation of resource wise, gear wise and fishing zone wise marine fish landings and simulation modeling. He is a member of the committee constituted by Government of Kerala to study and report the impact of fishing ban on the fishery in Kerala and a Member of the subcommittee constituted by Govt. of India to revalidate the potential yield and fleet size for the Indian EEZ.

Prof. (Dr.) A. N. Balchand



Professor, Dept of Physical Oceanography, Cochin University of Science and Technology & Dean, Faculty of Marine Sciences, CUSAT. Areas of interest: Environmental Oceanography, Coastal Zone Management, Water Pollution, Chemical Speciation, Ocean Remote Sensing. He has about

hundred publications in International and National Journals / Proceedings to his credit and has guided nine PhD students. He has been a Common wealth Post-doctoral Fellow during 1985.

Dr. Arvind Singh



Scientist, Physical Research Laboratory, Ahmedabad. His research expertise are in the fields of Marine Ecology, Hydrology, Geochemistry, Biogeochemistry, Climate, Nutrient Cycling, Nitrogen, Carbon, Oceanography, Stable Isotopes.

Dr. Sanjeev Kumar



Associate Professor, Physical Research Laboratory, Ahmedabad. His expertise are in the fields of Biogeochemistry, Biological Oceanography, Environmental Toxicology, greenhouse gas, Marine Ecology, Oceanography, Soil Chemistry, Soil Science, Stable Isotopes, Water Quality